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☐ 1: *Sci Total Environ* 1994 Aug 2;152(2):169-77

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Estimation of pooled reference values for cadmium in blood using meta-analysis and TRACY criteria.**Alessio L, Apostoli P, Braga M, Duca PG, Herber RF, Nordberg G, Vesterberg O**

Institute of Occupational Health, University of Brescia, Italy.

Reference values for blood-cadmium levels (B-Cd) are available for only a limited number of geographical areas and for particular population strata (sex, age, smoking habits). This paper, in agreement with the TRACY guidelines, describes and discusses the criteria used to rank published papers on reference values for cadmium retrieved by Medline and Toxline between 1976 and 1991. The TRACY criteria deal with the grading of published papers in terms of their suitability for calculating provisional reference values. Only four out of 18 papers were considered suitable for the TRACY project. The four articles were finally used via meta-analysis to provide provisional reference values for smokers and non-smokers. The comparison of results obtained using published statistics and individual data is used to discuss the appropriateness of meta-analysis in the case of cadmium. Due to the availability of large enough studies and to the clear differences across countries, the suitability of a compound upper reference limit to B-Cd levels seems limited.

Publication Types:

- Meta-analysis

PMID: 8079156, UI: 94360227

Abstract

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